

**STATE OF WASHINGTON
DEPARTMENT OF FISH & WILDLIFE
LANDS AND RESTORATION SERVICES PROGRAM**
Salmonid Screening, Habitat Enhancement &
Restoration Division (SSHEAR)

OFF-CHANNEL SITE INVENTORY DATA

General Information:

Region: North Coast	Observer(s): Powell
River System: Sol Duc	Date: 3/11/98
Site Identifier: S-307R-09	WRIA: 20.0310 B (P)
River Mile Location: 4.5 mi (hip chained)	RB/LB: RB
Local Name: Unnamed	Trib. to: Shuwah Cr (20.0307)
Legal Description: SW¼ Sec12 T29N R13W	County: Clallam
Habitat Type: Spring Channel	
Landowner: () Federal () State () County () Other Government (X) Private - Rayonier Timber Operating Co.	

Directions to site:

Starting at Forks (Tillicum Park), drive north on Highway 101 for 5.3 miles (mp 197). Take a right on Maxfield Road and follow 0.65 mi to the logging road gate. A key to the gate can be obtained at the Rayonier Timber Office or DNR. The road will have a left turn at 0.1 miles beyond gate. Take the left and follow for 1.4 miles and there will be a steep, uphill road to the right. Take the right and follow for 0.6 miles and there will be another gate - same key will work for this gate. Go through gate and follow in the east direction for 0.9 miles. The road will split at this point. Take the right (B2100) and go down hill for 1 mile and the road will split. Continue in the south direction (B2130) for 0.1 mi. The culvert crossing is S-307R-09.

Site Overview:

This is a small wall-based spring channel which is inaccessible due to a six-foot drop off the terrace into Shuwah Creek. Some runoff is pooled in the second terrace then flows down a short steep section into sedge wetland. Springs from the terrace wall feed into the wetland which has an associated pooled area.

Habitat Information:

Water source: Springs and terrace runoff

Intermittent/year-around:

- Probably intermittent

Estimated flows (gpm): 80

Water temperatures: 8.0° C

Adjacent stream temperature: 7.0° C (20.0307)

Other water observations:

Site area measurements: () Indirect (X) Direct () Combination

Widths: Channel- 0.5 m - 1.5 m Ponds- 4 m - 6 m Wetlands- NA

Depths: Channel- 2.5 cm - 8 cm Ponds- 15 cm - 25 cm Wetlands- NA

Total length (includes ponds and wetlands): 230 m

Total existing habitat area (est.): 230 m²

Spawning area: 0

Impounded area: 0

Other rearing area: 230 m²

Spawning Habitat conditions: (X) None () Poor () Fair () Good () Excellent

Describe spawning habitat:

- This channel has mostly a silt substrate.

Rearing habitat conditions: () None () Poor (X) Fair () Good () Excellent

Describe pond and other rearing habitat:

- This is small, low flowing channel.
- Depths in this channel are shallow.
- There is a small, shallow pooled area associated with this channel.
- There is some cover provided by brush.
- There is some limited canopy provided by alder and conifer.
- Springs seep off the wall into this channel.

Describe unaccessible habitat:

- This channel is unaccessible due to a six-foot drop off of the terrace into Shuwah Creek.

Describe wetland: () Bog () Marsh (X) Scrub-shrub Wetland () Forested Wetland

- The channel flows through sedge, brush, skunk cabbage and water parsley.

Flooding potential: (X) Low () Medium () High

Fish Information:

Site entry condition to (Shuwah Cr. 20.0307): (X) Poor () Fair () Good

- This channel has a six-foot drop into Shuwah Creek.

Coho access and use:

Juvenile- () Unknown (X) None () Poor () Fair () Good

Adult- () Unknown (X) None () Poor () Fair () Good

Other species access and use: () Chum () Pink () Sockeye () Chinook () Trout

- Unknown.

Habitat Improvements:

Enhancement opportunities:

- None recommended.

Additional Comments:

Attachments Available:

Contact respective SSHEAR habitat biologist for the following checked items:

(X) Aerials

(X) Sketch

(X) Maps

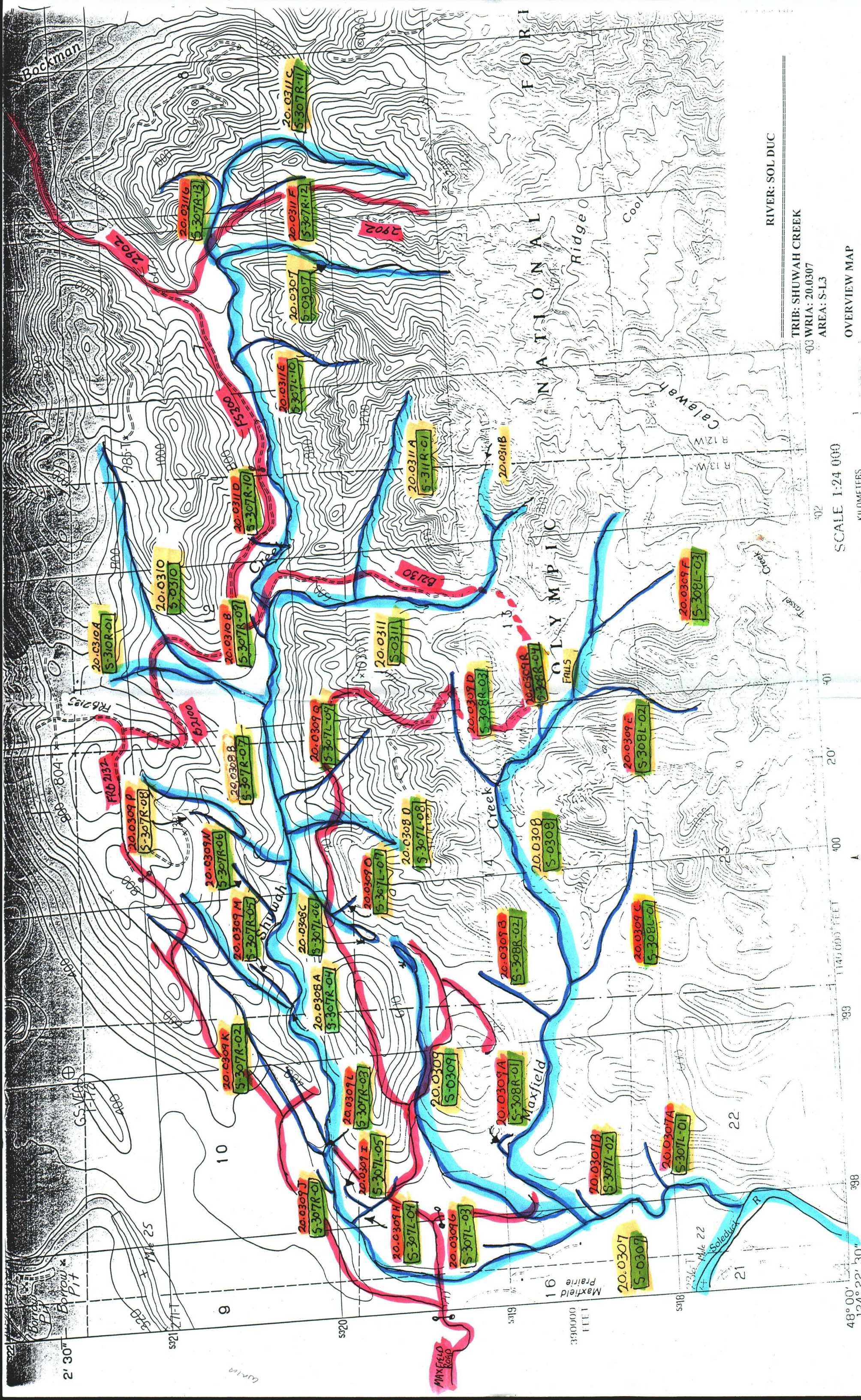
(X) Culvert Report

() Other references

() Spawning surveys

() Juvenile trapping

() Fishway Report



RIVER: SOL DUC

TRIB: SHUWAH CREEK

WRIA: 20.0307

AREA: S-L3

OVERVIEW MAP

1998

SCALE 1:24 000

KILOMETERS
METERS

1 1000

5 1000

1 1000

1 1000

1 1000

1 1000

1 1000

1 1000

1 1000

1 1000

1 1000

RIVER: SOL DUC RIVER

AREA: S-L3

AREA MAP

9/96

